

TINA3-WWW

~70° wide beam optimized for CREE XP-E.
Assembly with holder, installation tape and
location pins.



TECHNICAL SPECIFICATIONS:

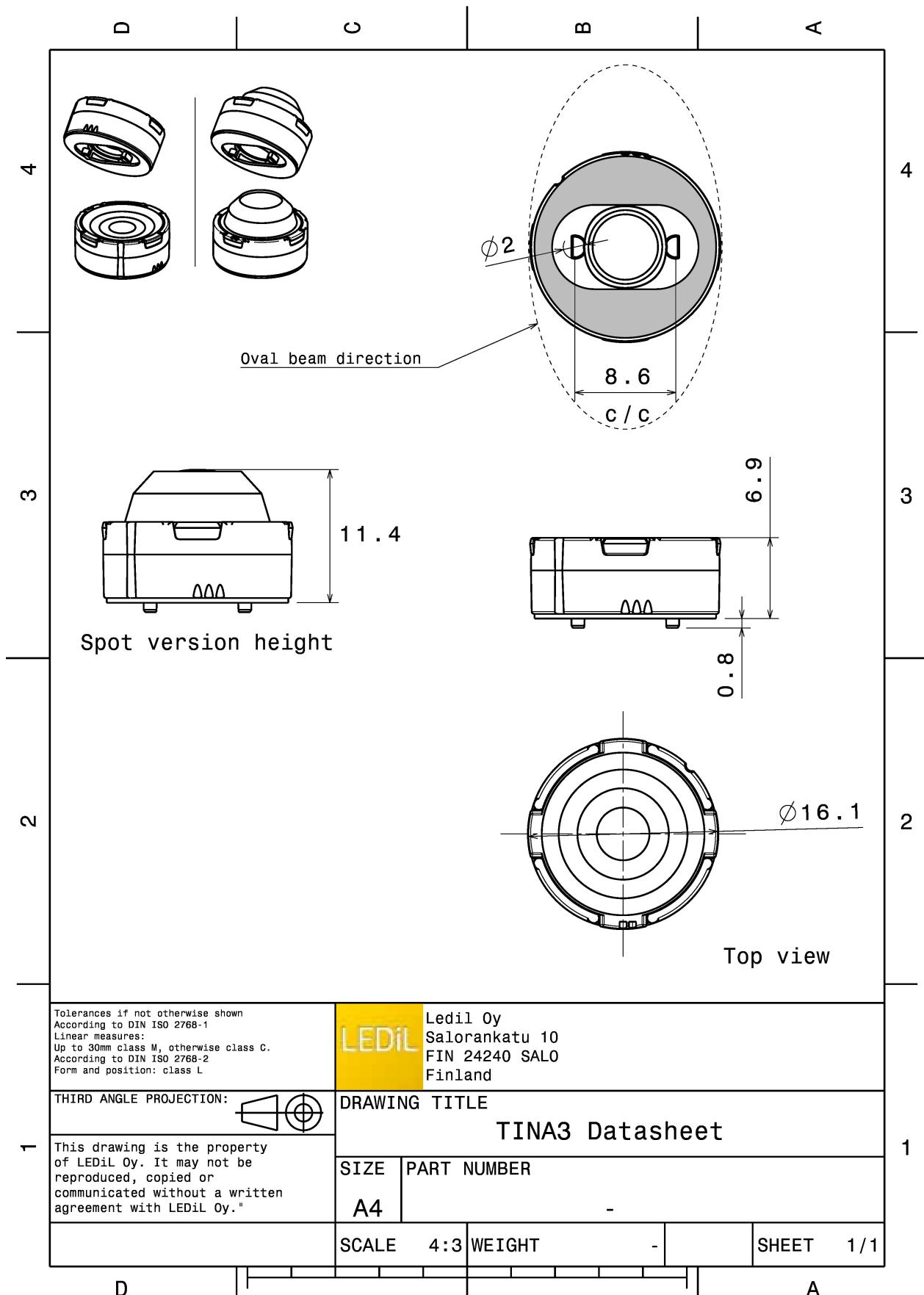
Dimensions	Ø 16.1 mm
Height	6.9 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA3-WWW	Single lens	PMMA		
TINA3-HLD-PIN-TAPE-XP	Holder	PC		
TINA-TAPE3	Tape	PU tape		

ORDERING INFORMATION:

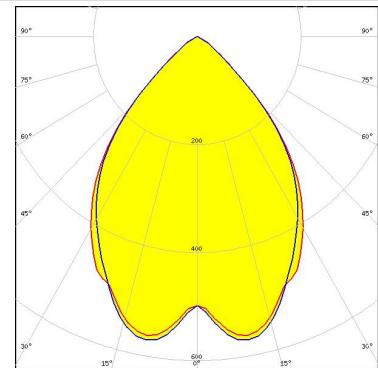
Component	Qty in box	MOQ	MPQ	Box weight (kg)
FA11826_TINA3-WWW	2016	288	288	3.9
» Box size:				



PHOTOMETRIC DATA (MEASURED):

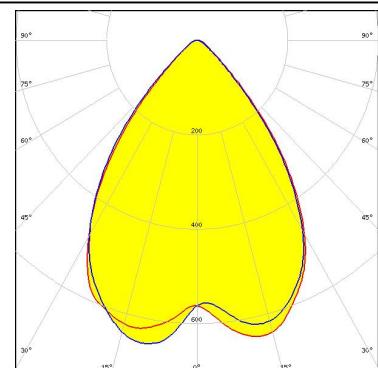
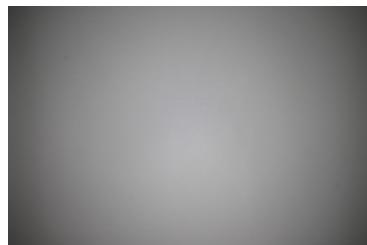
CREE

LED XP-G
FWHM 77.0°
Efficiency 92 %
Peak intensity 0.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

LED XP-L HI
FWHM 77.0°
Efficiency 90 %
Peak intensity 0.670 cd/lm
LEDs/each optic 1
Light colour White
Required components:



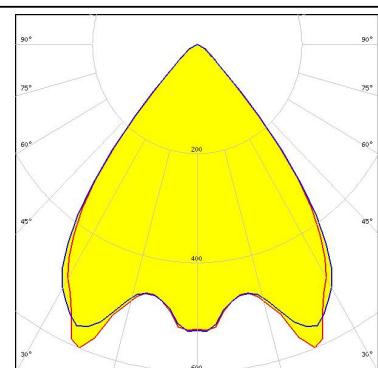
LUMILEDS

LED LUXEON A
FWHM 80.0°
Efficiency 90 %
Peak intensity 0.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

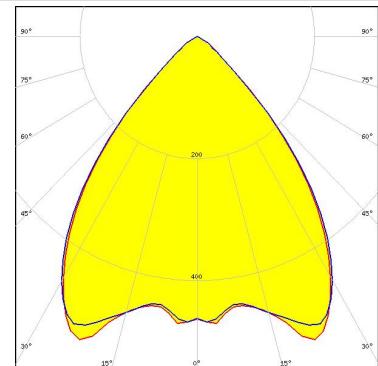
LED LUXEON Rebel
FWHM 77.0°
Efficiency 81 %
Peak intensity 0.520 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

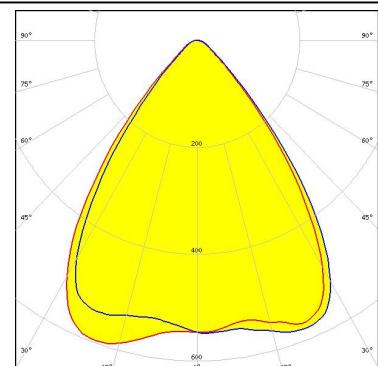
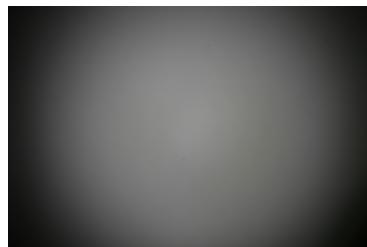
LUMILEDS

LED LUXEON Rebel ES
FWHM 80.0°
Efficiency 91 %
Peak intensity 0.460 cd/lm
LEDs/each optic 1
Light colour White
Required components:



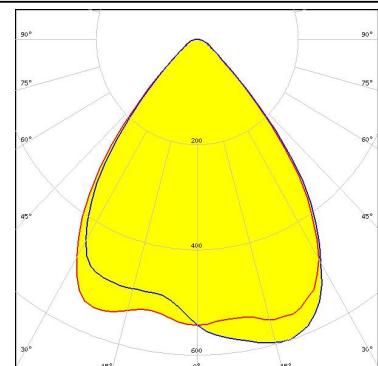
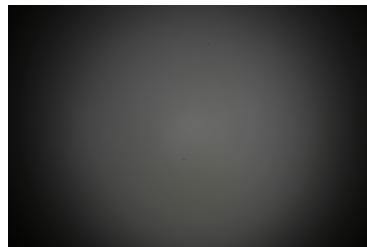
NICHIA

LED NF2x757A
FWHM 76.0°
Efficiency 88 %
Peak intensity 0.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



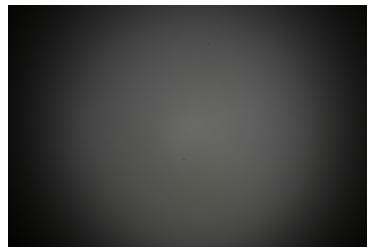
NICHIA

LED NVSxx19A
FWHM 78.0°
Efficiency 91 %
Peak intensity 0.550 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors
LED Duris S5 (2 chip)
FWHM 80.0°
Efficiency 88 %
Peak intensity 0.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON SSL 150

FWHM 68.0°

Efficiency 88 %

Peak intensity 0.700 cd/lm

LEDs/each optic 1

Light colour White

Required components:

OSRAM

Opto Semiconductors

LED OSLON SSL 80

FWHM 69.0°

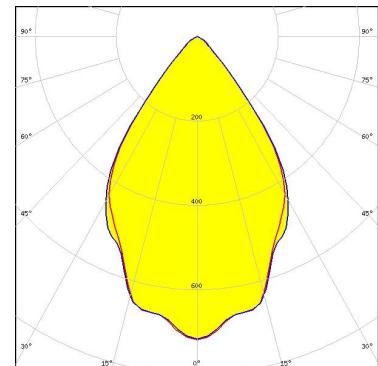
Efficiency 88 %

Peak intensity 0.700 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SEoul SEMICONDUCTOR

SEoul SEMICONDUCTOR

LED Z5

FWHM 62.0°

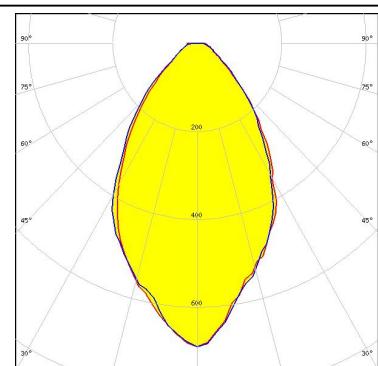
Efficiency 89 %

Peak intensity 0.700 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SEoul SEMICONDUCTOR

SEoul SEMICONDUCTOR

LED Z5M1/Z5M2

FWHM 82.0°

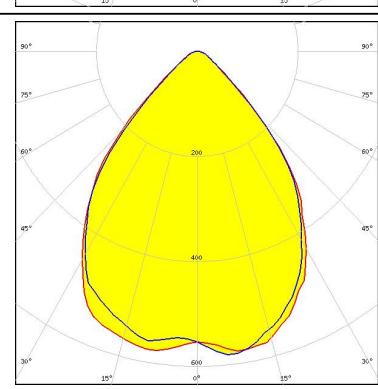
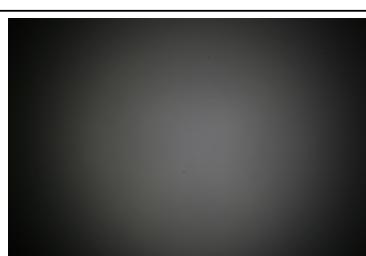
Efficiency 90 %

Peak intensity 0.600 cd/lm

LEDs/each optic 1

Light colour White

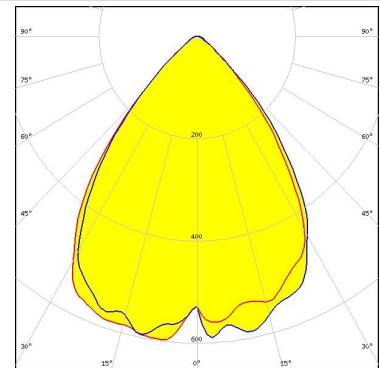
Required components:



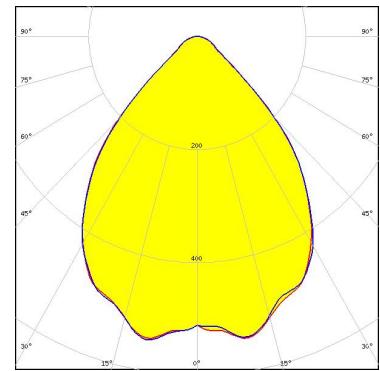
PHOTOMETRIC DATA (SIMULATED):



LED NF2x757G
FWHM 75.0°
Efficiency 88 %
Peak intensity 0.610 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Z8Y22P
FWHM 84.0°
Efficiency 90 %
Peak intensity 0.540 cd/lm
LEDs/each optic 1
Light colour White
Required components:



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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